OIPE
IAP35
OCT 19 2005
PATENT & TRADEMARK OFFICE

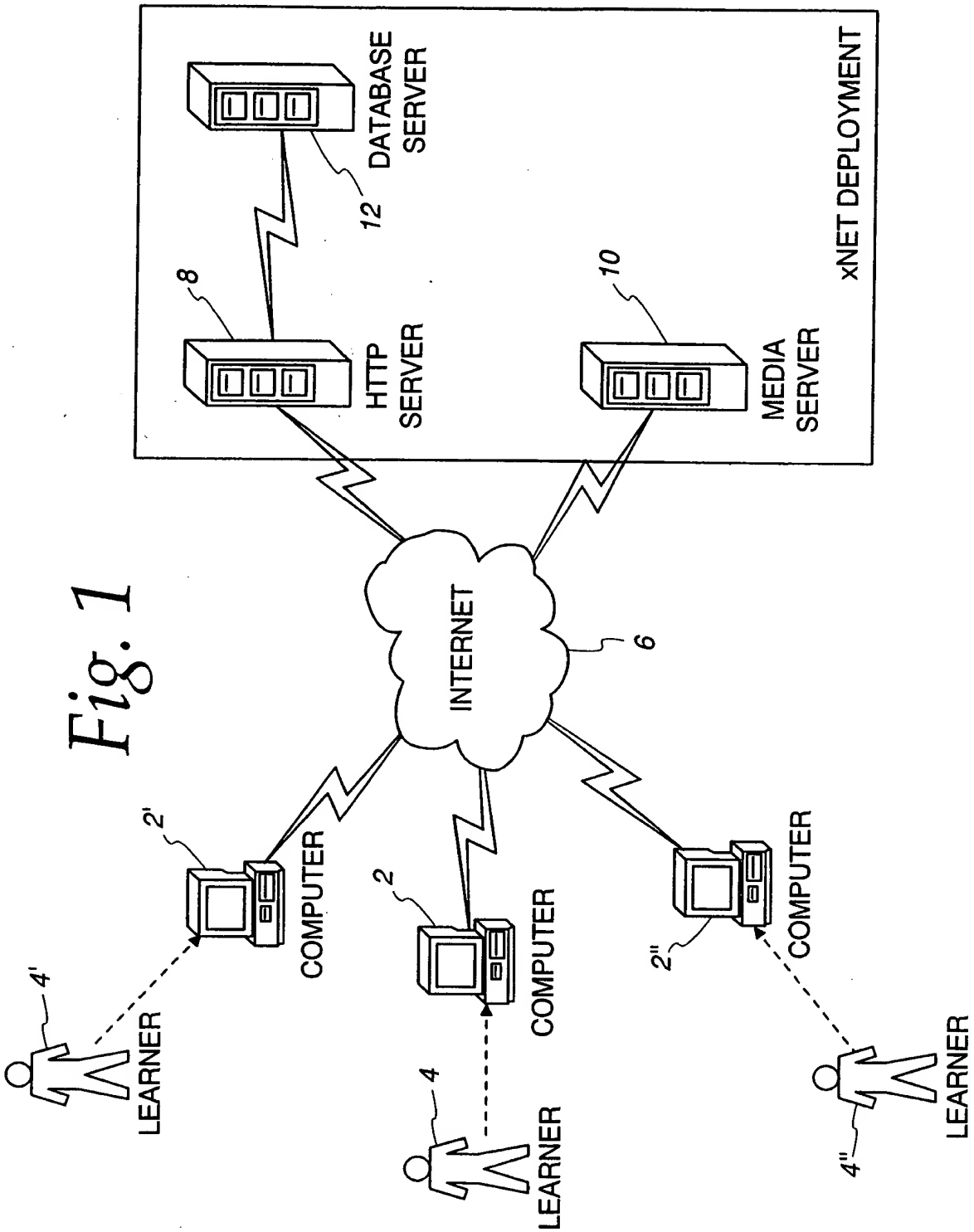


Fig. 1

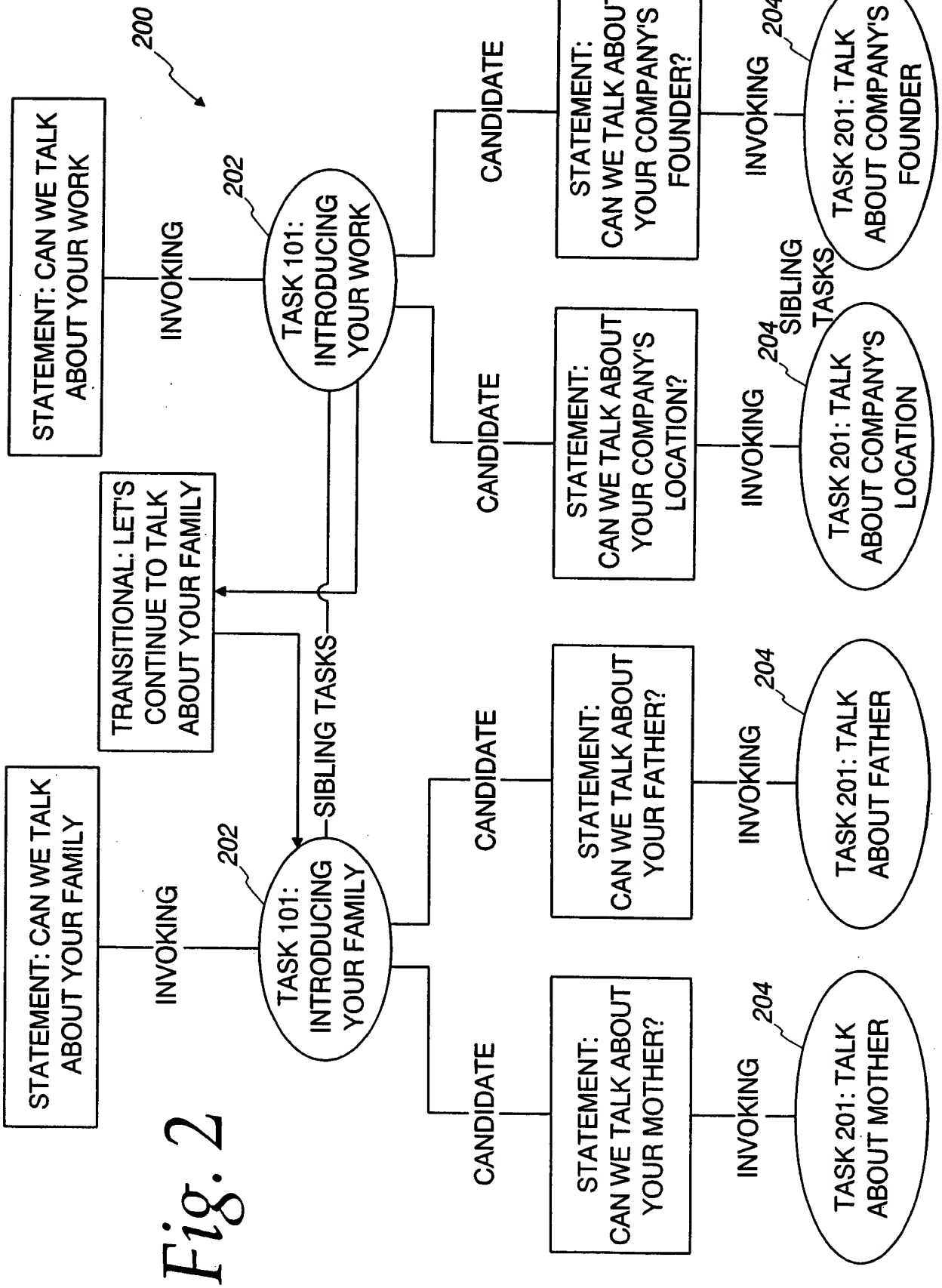

200
STATEMENT: CAN WE TALK ABOUT YOUR FAMILY
INVOKING
202
TASK 101: INTRODUCING YOUR FAMILY
SIBLING TASKS
TRANSITIONAL: LET'S CONTINUE TO TALK ABOUT YOUR FAMILY
CANDIDATE
STATEMENT: CAN WE TALK ABOUT YOUR MOTHER?
INVOKING
204
TASK 201: TALK ABOUT MOTHER
CANDIDATE
STATEMENT: CAN WE TALK ABOUT YOUR FATHER?
INVOKING
204
TASK 201: TALK ABOUT FATHER
STATEMENT: CAN WE TALK ABOUT YOUR WORK
INVOKING
202
TASK 101: INTRODUCING YOUR WORK
SIBLING TASKS
CANDIDATE
STATEMENT: CAN WE TALK ABOUT YOUR COMPANY'S LOCATION?
INVOKING
204
TASK 201: TALK ABOUT COMPANY'S LOCATION
CANDIDATE
STATEMENT: CAN WE TALK ABOUT YOUR COMPANY'S FOUNDER?
INVOKING
204
TASK 201: TALK ABOUT COMPANY'S FOUNDER

Fig. 2

Fig. 3

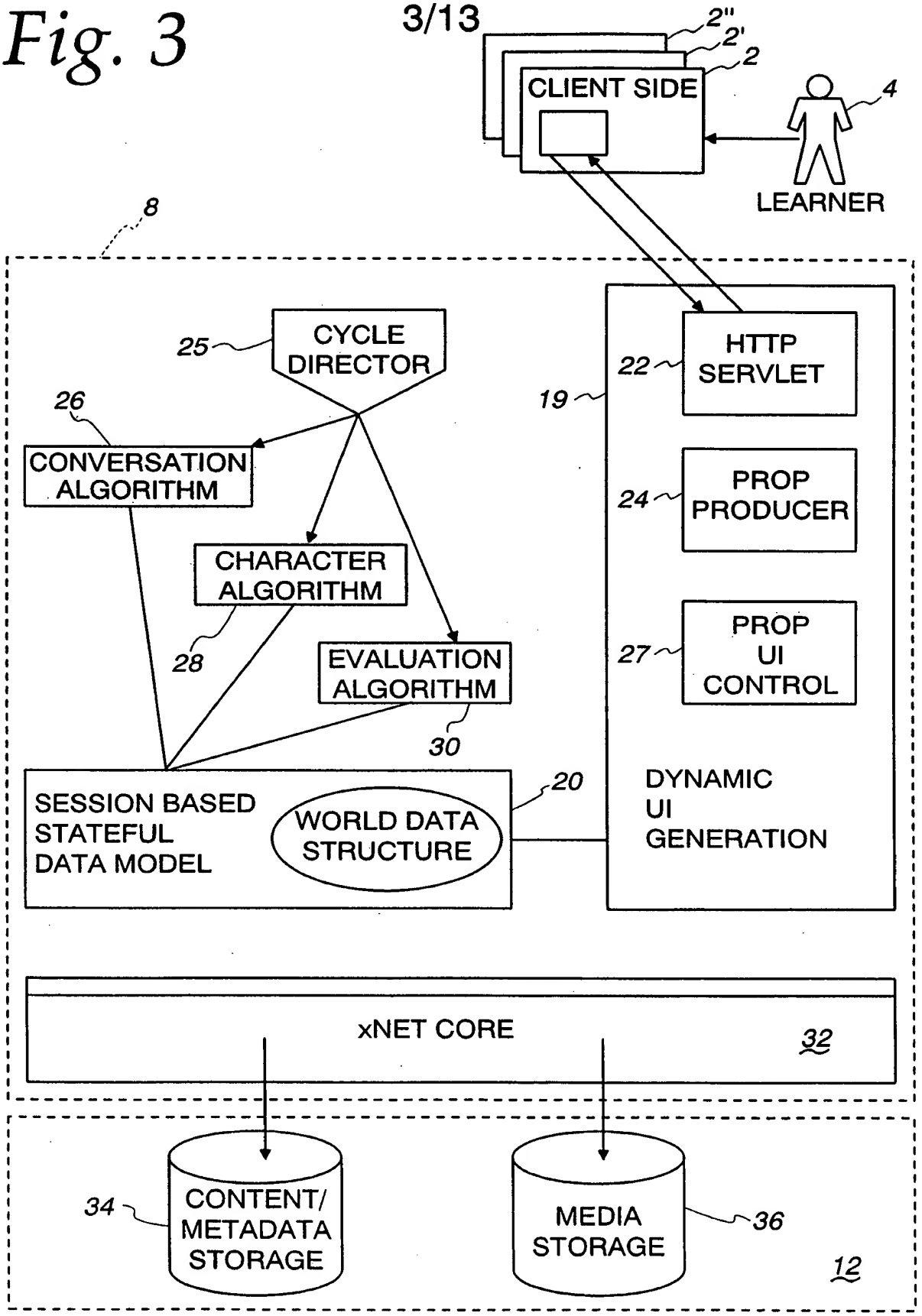

3/13
2"
2'
2
CLIENT SIDE
4
LEARNER
8
25
CYCLE DIRECTOR
26
CONVERSATION ALGORITHM
CHARACTER ALGORITHM
28
EVALUATION ALGORITHM
30
19
22
HTTP SERVLET
24
PROP PRODUCER
27
PROP UI CONTROL
DYNAMIC UI GENERATION
20
SESSION BASED STATEFUL DATA MODEL
WORLD DATA STRUCTURE
xNET CORE
32
34
CONTENT/ METADATA STORAGE
MEDIA STORAGE
36
12

Fig. 4a

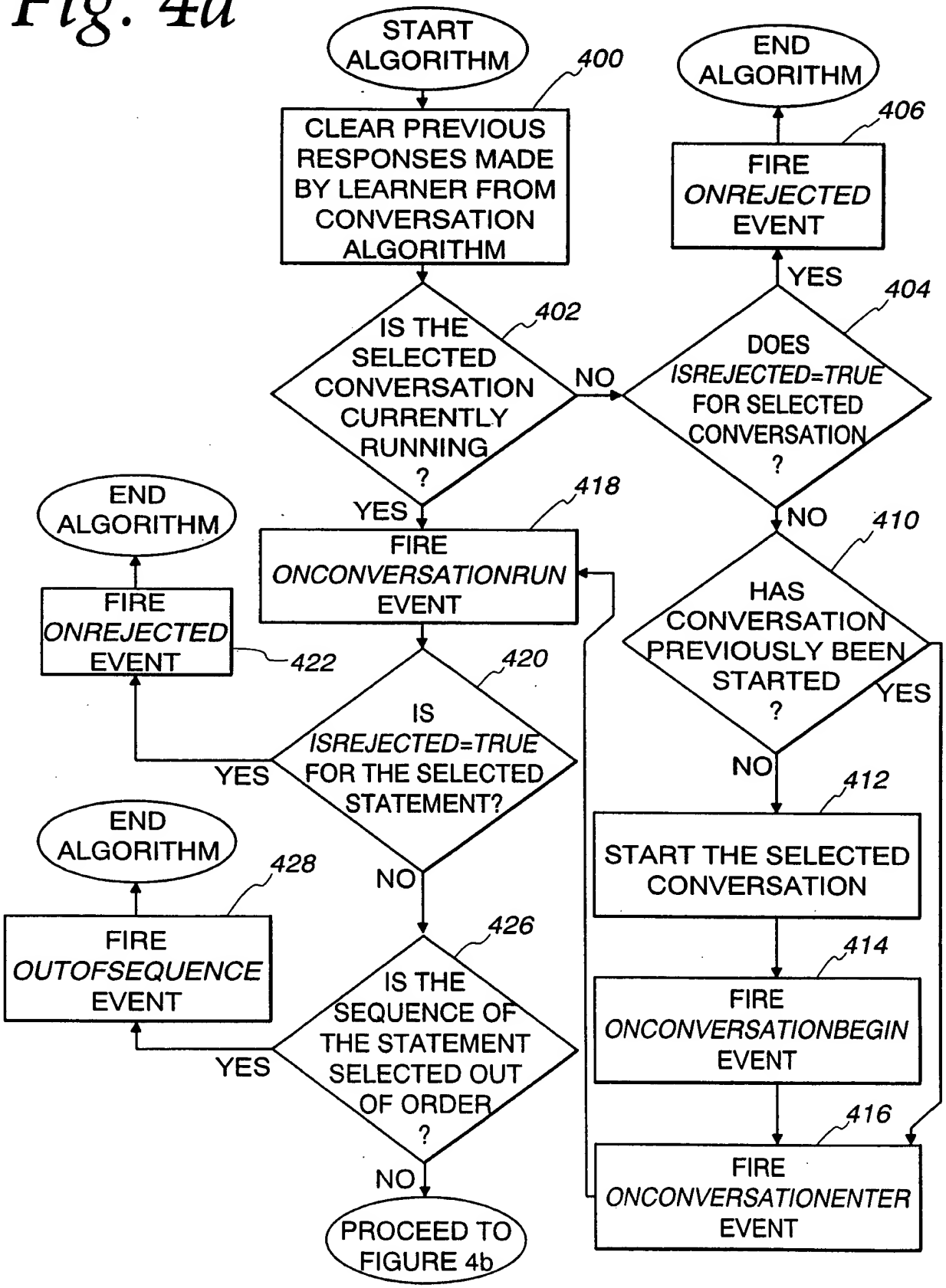

START ALGORITHM
400
CLEAR PREVIOUS RESPONSES MADE BY LEARNER FROM CONVERSATION ALGORITHM
402
IS THE SELECTED CONVERSATION CURRENTLY RUNNING ?
NO
YES
404
DOES ISREJECTED=TRUE FOR SELECTED CONVERSATION ?
YES
406
FIRE ONREJECTED EVENT
END ALGORITHM
418
FIRE ONCONVERSATIONRUN EVENT
NO
410
HAS CONVERSATION PREVIOUSLY BEEN STARTED ?
YES
NO
412
START THE SELECTED CONVERSATION
414
FIRE ONCONVERSATIONBEGIN EVENT
416
FIRE ONCONVERSATIONENTER EVENT
420
IS ISREJECTED=TRUE FOR THE SELECTED STATEMENT?
YES
422
FIRE ONREJECTED EVENT
END ALGORITHM
NO
426
IS THE SEQUENCE OF THE STATEMENT SELECTED OUT OF ORDER ?
YES
428
FIRE OUTOFSEQUENCE EVENT
END ALGORITHM
NO
PROCEED TO FIGURE 4b

Fig. 4b

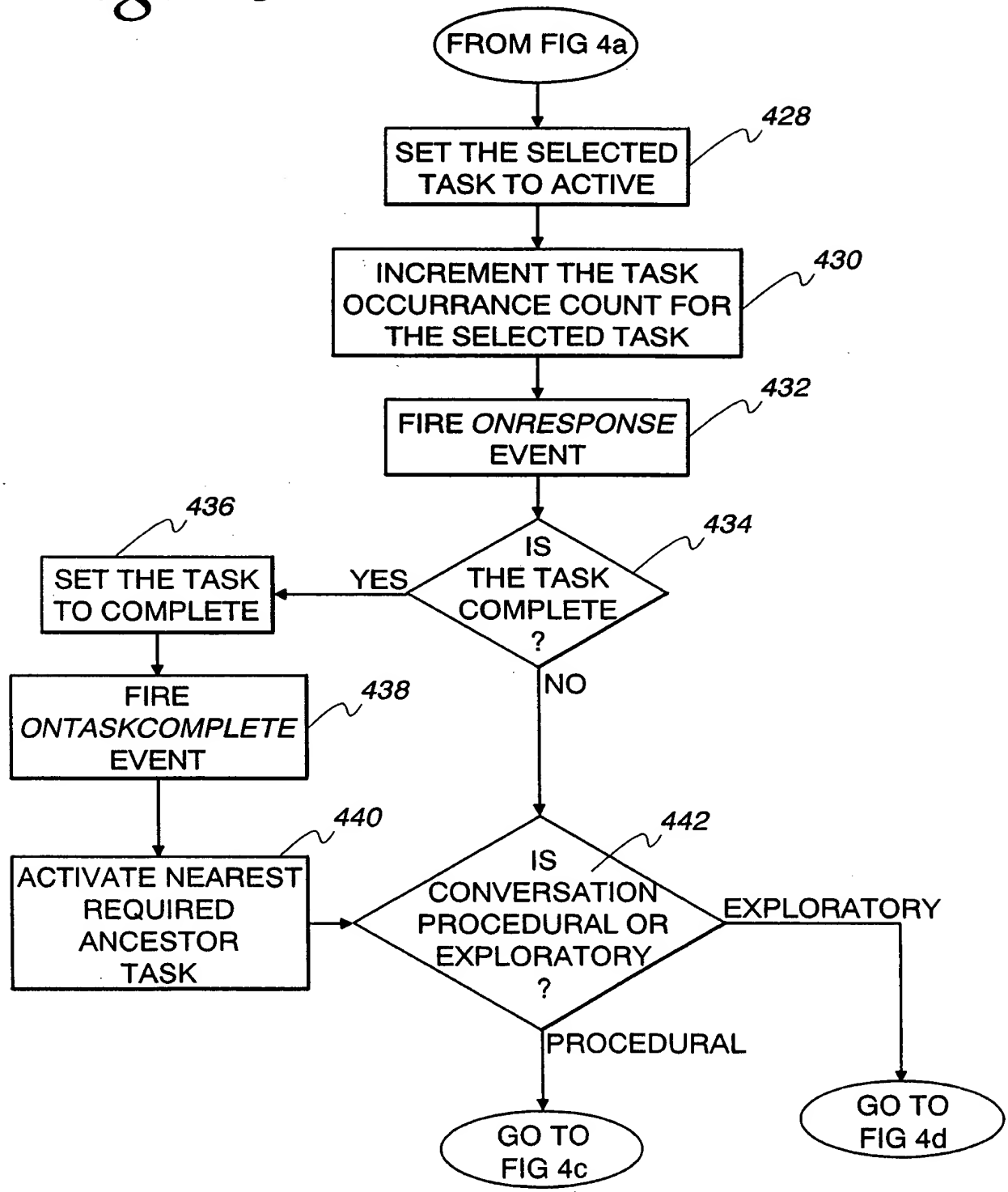

FROM FIG 4a
SET THE SELECTED TASK TO ACTIVE
428
INCREMENT THE TASK OCCURRANCE COUNT FOR THE SELECTED TASK
430
FIRE *ONRESPONSE* EVENT
432
IS THE TASK COMPLETE ?
434
YES
SET THE TASK TO COMPLETE
436
NO
FIRE *ONTASKCOMPLETE* EVENT
438
ACTIVATE NEAREST REQUIRED ANCESTOR TASK
440
IS CONVERSATION PROCEDURAL OR EXPLORATORY ?
442
EXPLORATORY
PROCEDURAL
GO TO FIG 4c
GO TO FIG 4d

Fig. 4ca

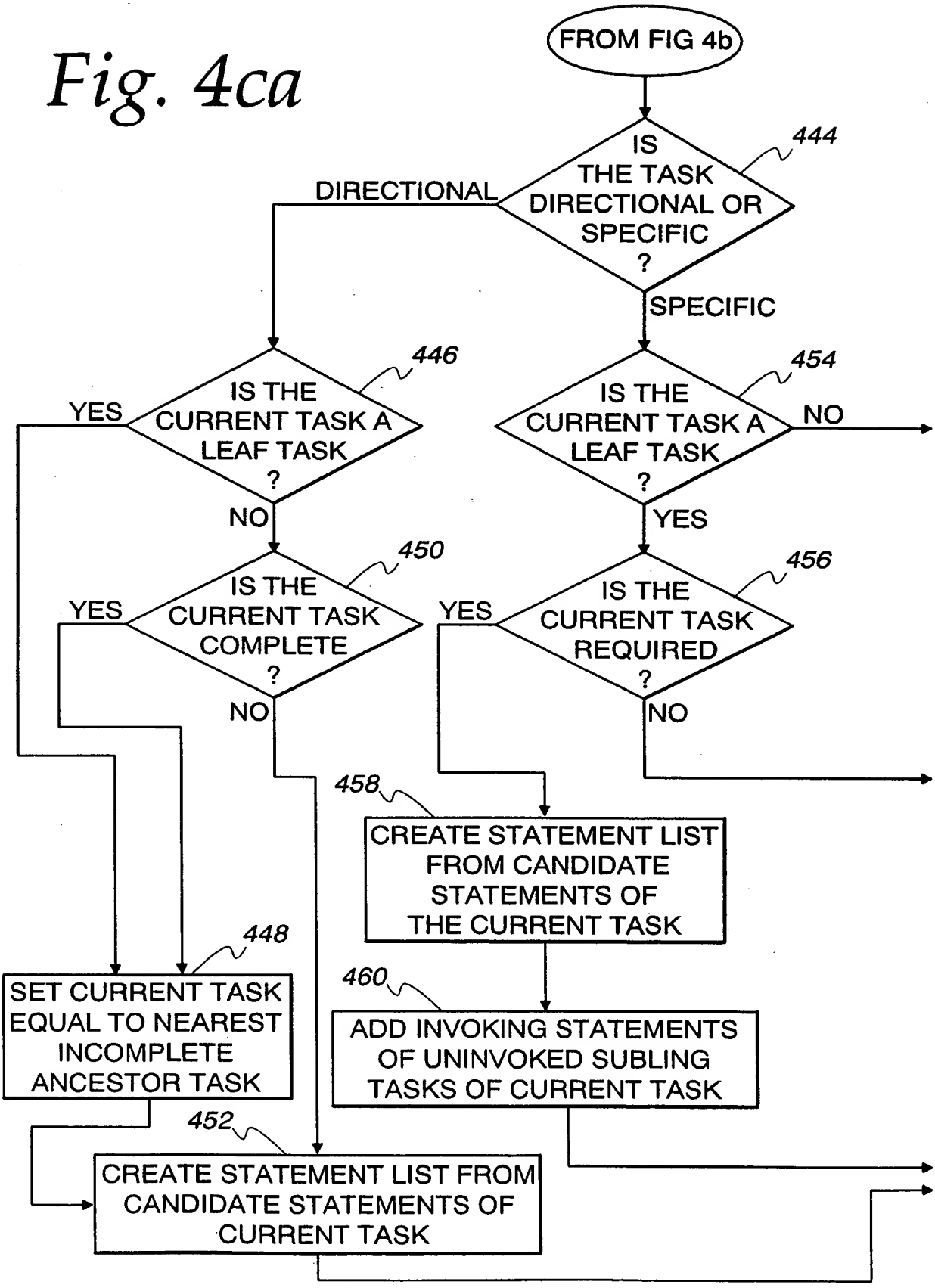

FROM FIG 4b
444
IS THE TASK DIRECTIONAL OR SPECIFIC ?
DIRECTIONAL
SPECIFIC
446
IS THE CURRENT TASK A LEAF TASK ?
YES
NO
454
IS THE CURRENT TASK A LEAF TASK ?
NO
YES
450
IS THE CURRENT TASK COMPLETE ?
YES
NO
456
IS THE CURRENT TASK REQUIRED ?
YES
NO
458
CREATE STATEMENT LIST FROM CANDIDATE STATEMENTS OF THE CURRENT TASK
448
SET CURRENT TASK EQUAL TO NEAREST INCOMPLETE ANCESTOR TASK
460
ADD INVOKING STATEMENTS OF UNINVOKED SUBLING TASKS OF CURRENT TASK
452
CREATE STATEMENT LIST FROM CANDIDATE STATEMENTS OF CURRENT TASK

Fig. 4cb

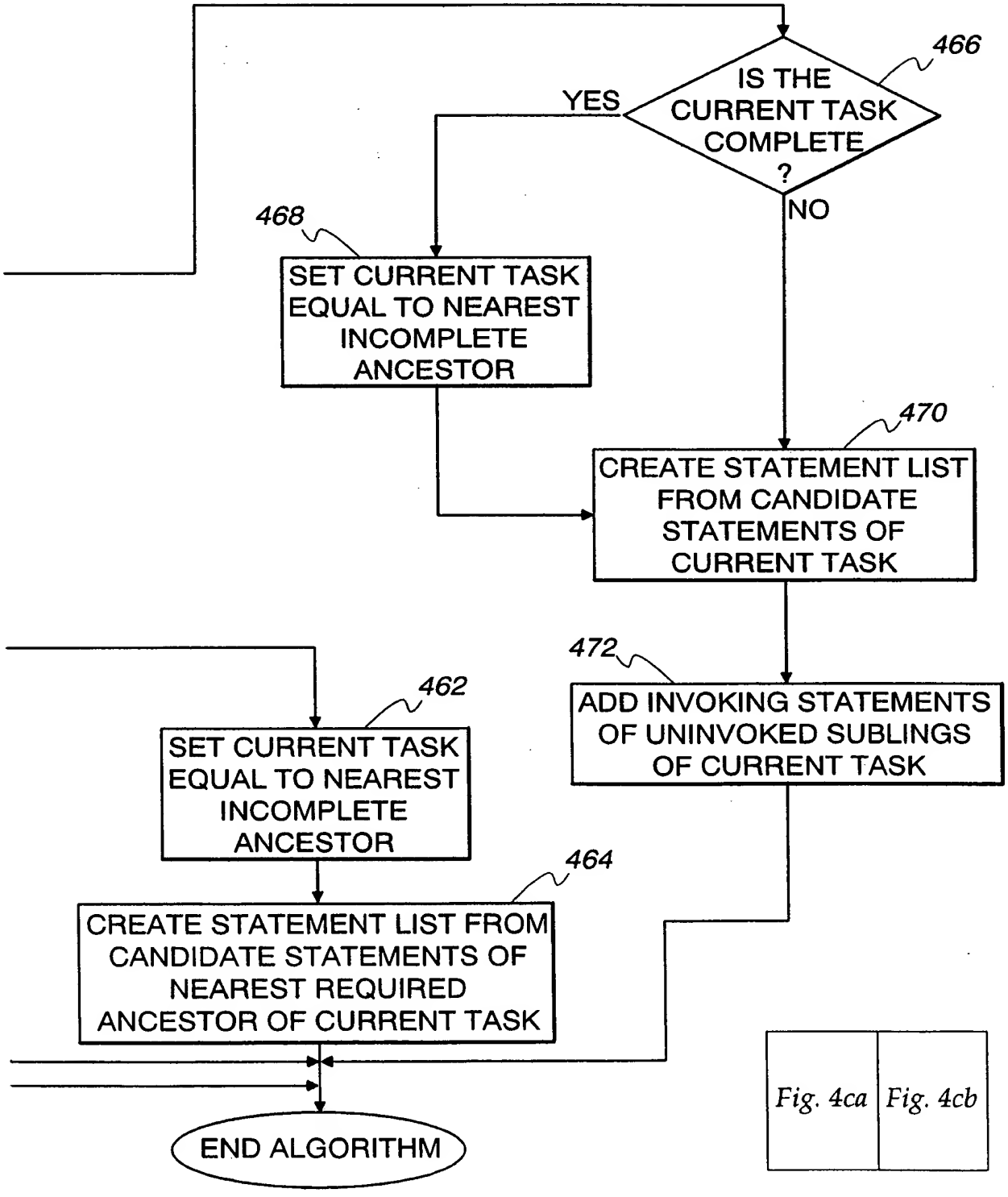


Fig. 4ca	*Fig. 4cb*

Fig. 4da

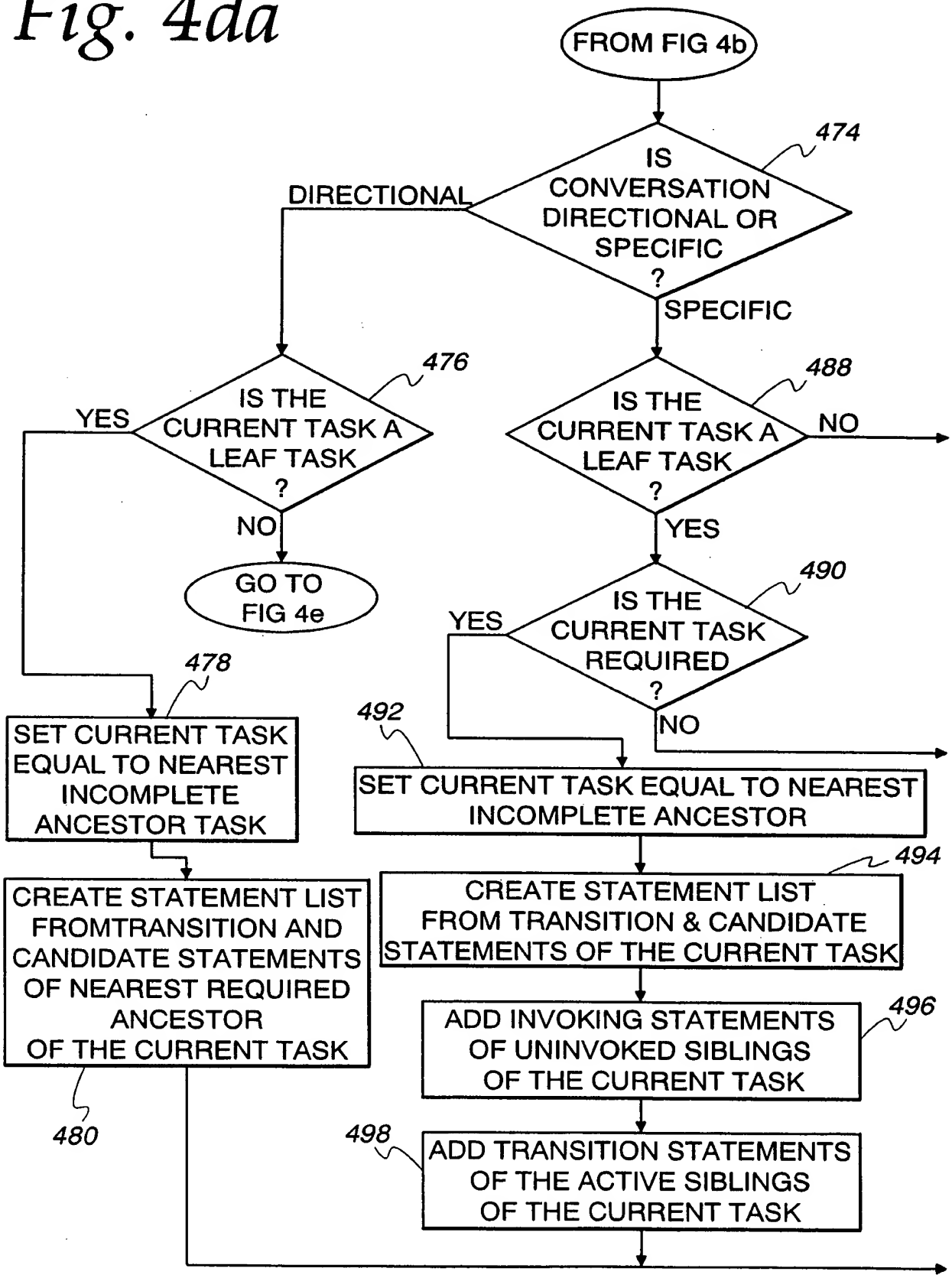

FROM FIG 4b
474
IS CONVERSATION DIRECTIONAL OR SPECIFIC ?
DIRECTIONAL
SPECIFIC
476
IS THE CURRENT TASK A LEAF TASK ?
YES
NO
GO TO FIG 4e
488
IS THE CURRENT TASK A LEAF TASK ?
NO
YES
490
IS THE CURRENT TASK REQUIRED ?
YES
NO
478
SET CURRENT TASK EQUAL TO NEAREST INCOMPLETE ANCESTOR TASK
492
SET CURRENT TASK EQUAL TO NEAREST INCOMPLETE ANCESTOR
494
CREATE STATEMENT LIST FROMTRANSITION AND CANDIDATE STATEMENTS OF NEAREST REQUIRED ANCESTOR OF THE CURRENT TASK
CREATE STATEMENT LIST FROM TRANSITION & CANDIDATE STATEMENTS OF THE CURRENT TASK
496
ADD INVOKING STATEMENTS OF UNINVOKED SIBLINGS OF THE CURRENT TASK
498
ADD TRANSITION STATEMENTS OF THE ACTIVE SIBLINGS OF THE CURRENT TASK
480

Fig. 4db

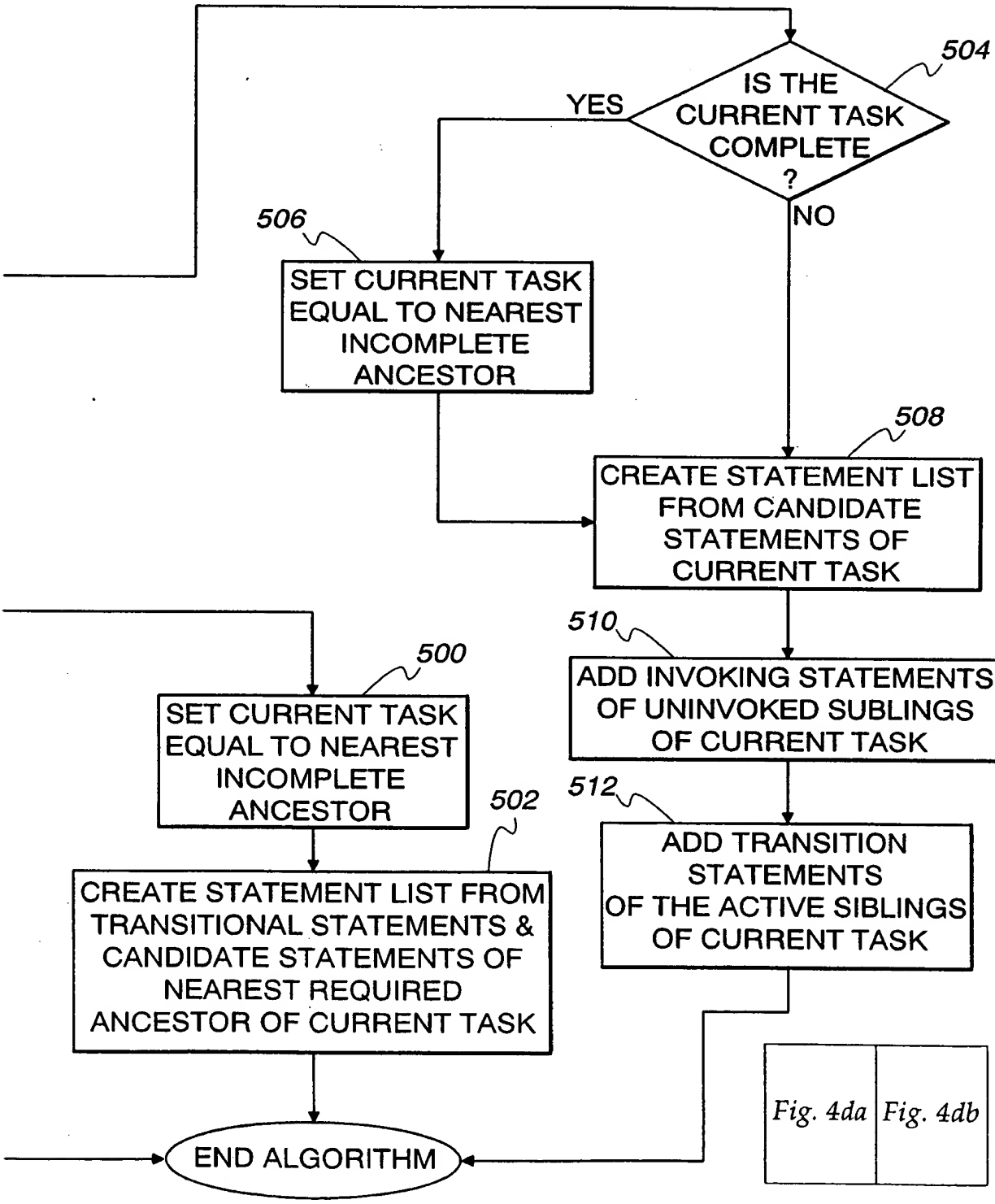


Fig. 4da	Fig. 4db

Fig. 4e

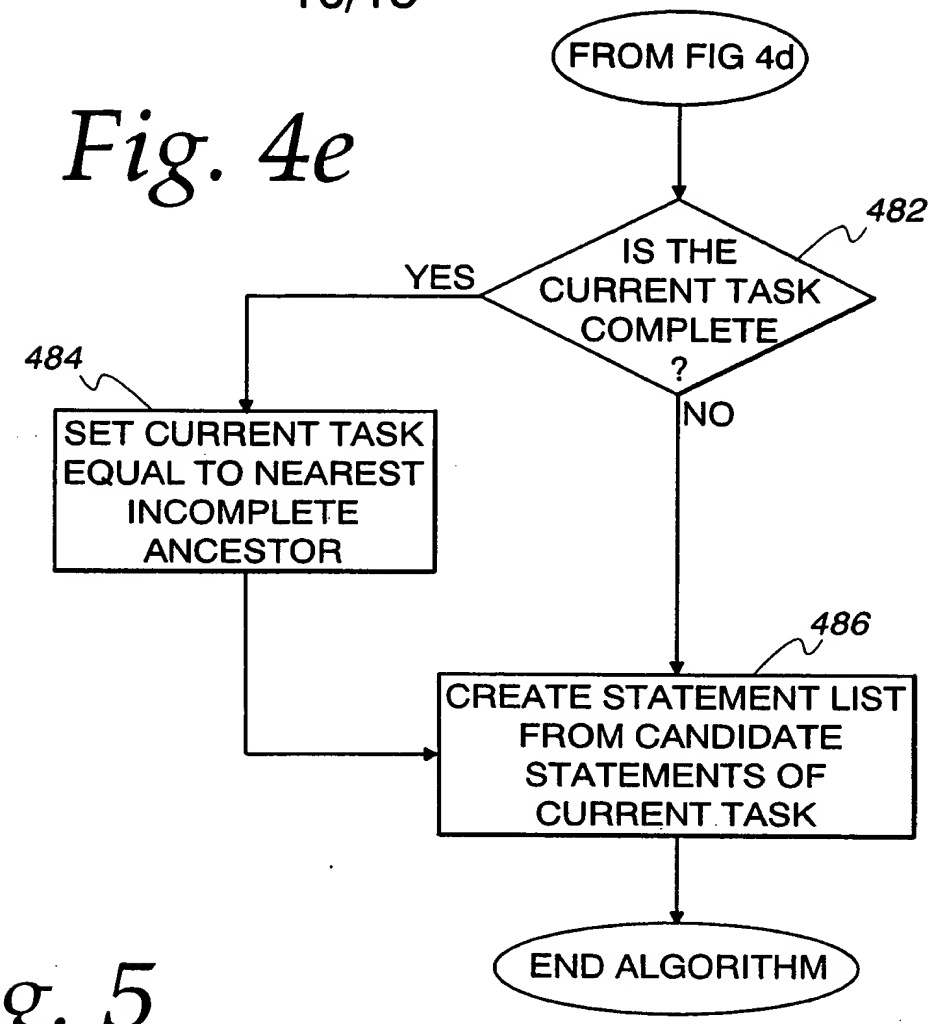

FROM FIG 4d
482
IS THE CURRENT TASK COMPLETE ?
YES
NO
484
SET CURRENT TASK EQUAL TO NEAREST INCOMPLETE ANCESTOR
486
CREATE STATEMENT LIST FROM CANDIDATE STATEMENTS OF CURRENT TASK
END ALGORITHM

Fig. 5

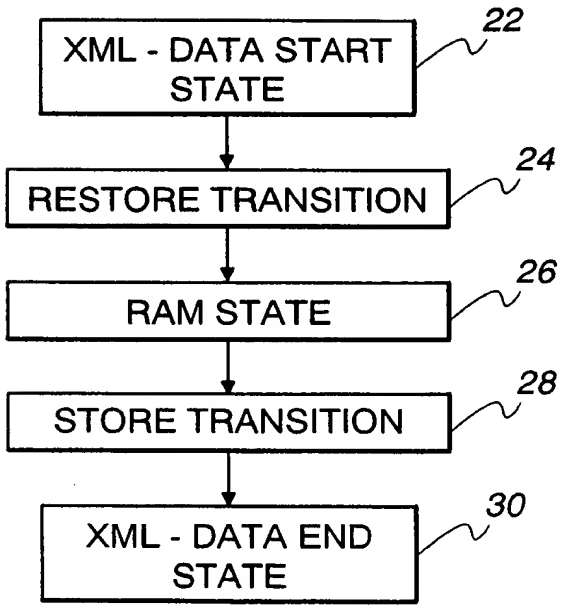

22
XML - DATA START STATE
24
RESTORE TRANSITION
26
RAM STATE
28
STORE TRANSITION
30
XML - DATA END STATE

Fig. 6

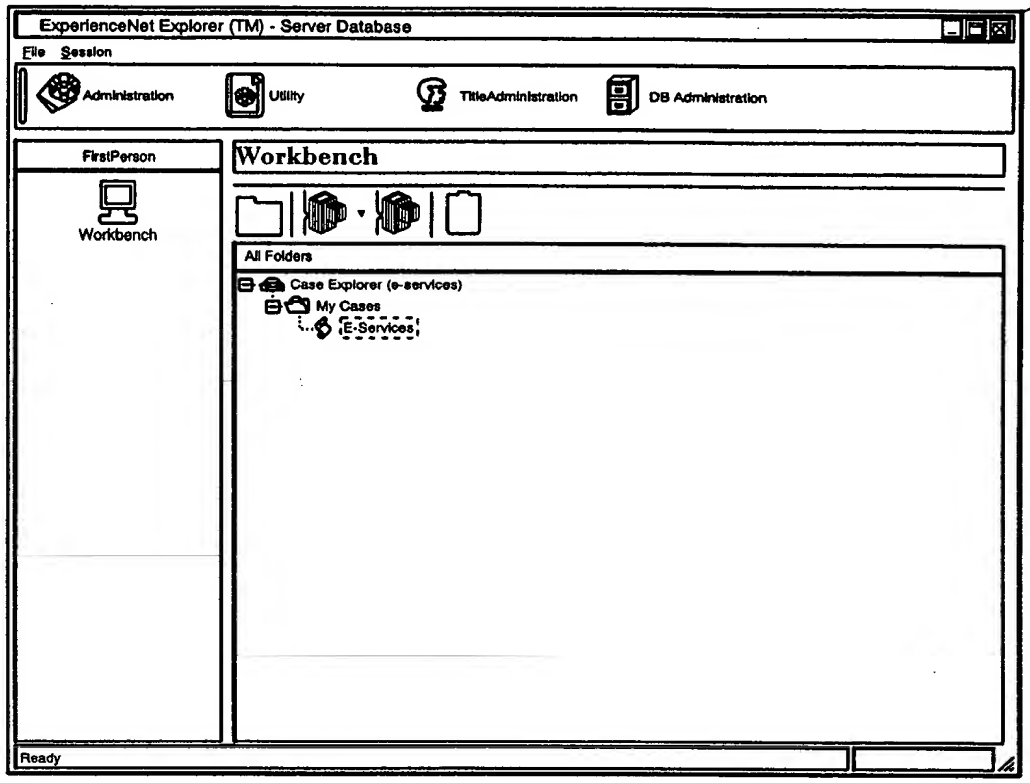

600
ExperienceNet Explorer (TM) - Server Database
File Session
Administration
Utility
TitleAdministration
DB Administration
FirstPerson
Workbench
Workbench
All Folders
Case Explorer (e-services)
My Cases
E-Services
Ready

Fig. 7

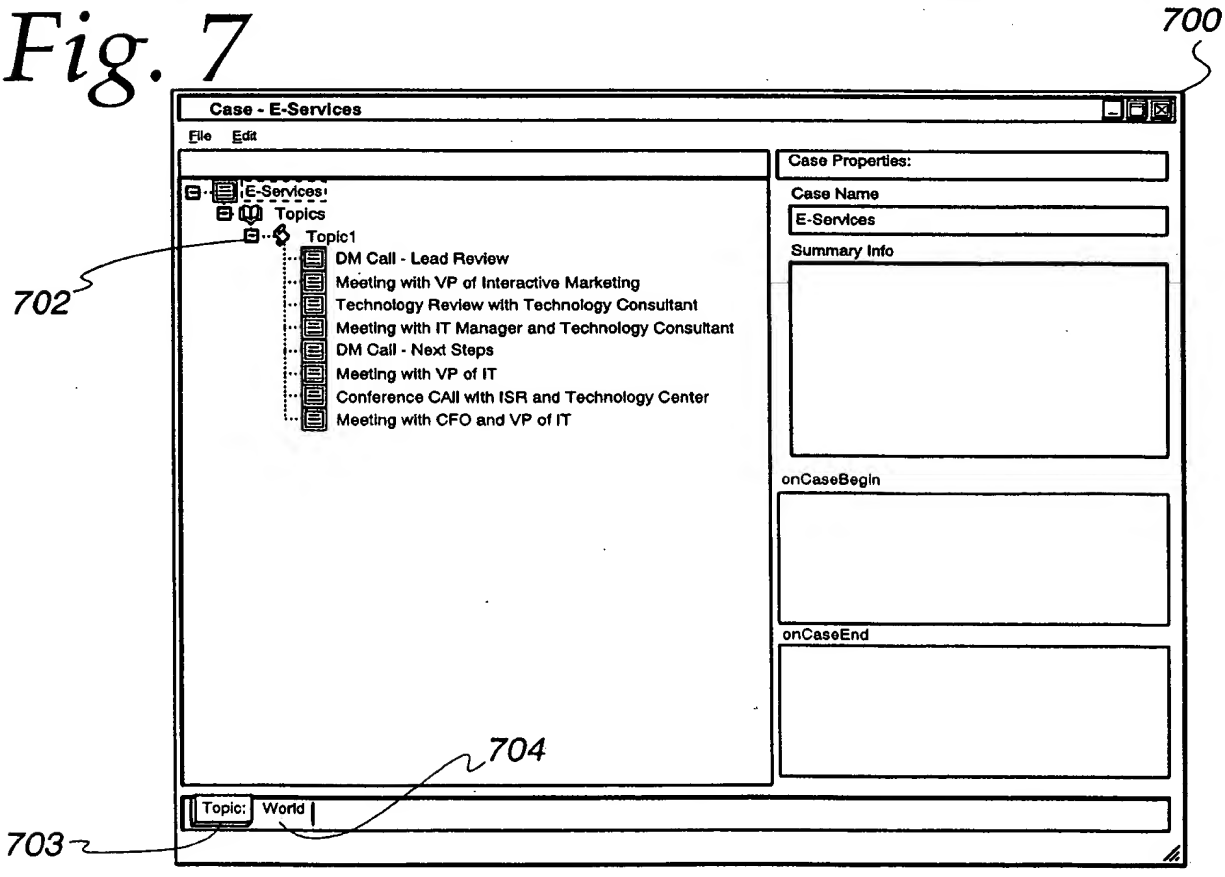
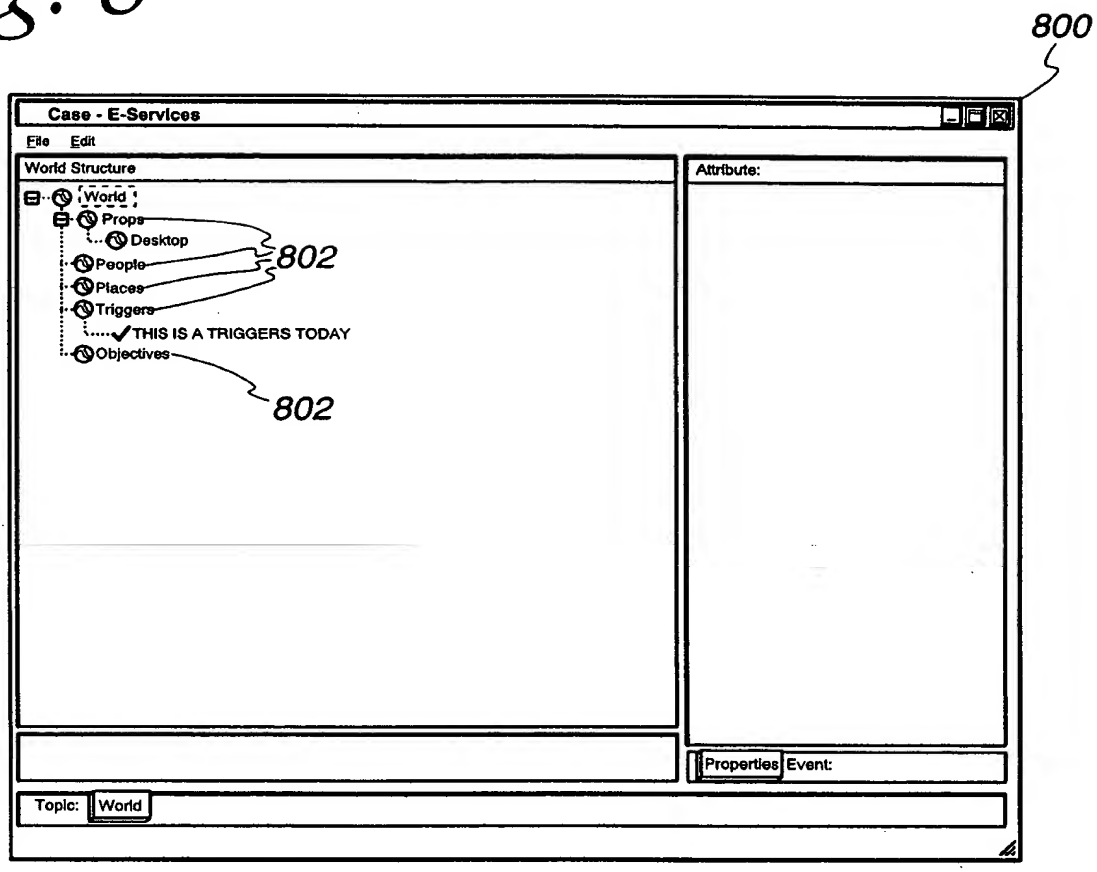

700
Case - E-Services
File Edit
E-Services
Topics
Topic1
DM Call - Lead Review
Meeting with VP of Interactive Marketing
Technology Review with Technology Consultant
Meeting with IT Manager and Technology Consultant
DM Call - Next Steps
Meeting with VP of IT
Conference CAll with ISR and Technology Center
Meeting with CFO and VP of IT
Case Properties:
Case Name
E-Services
Summary Info
onCaseBegin
onCaseEnd
Topic:
World
702
703
704

Fig. 8


800
Case - E-Services
File Edit
World Structure
Attribute:
World
Props
Desktop
People
Places
Triggers
THIS IS A TRIGGERS TODAY
Objectives
802
802
Properties
Event:
Topic:
World

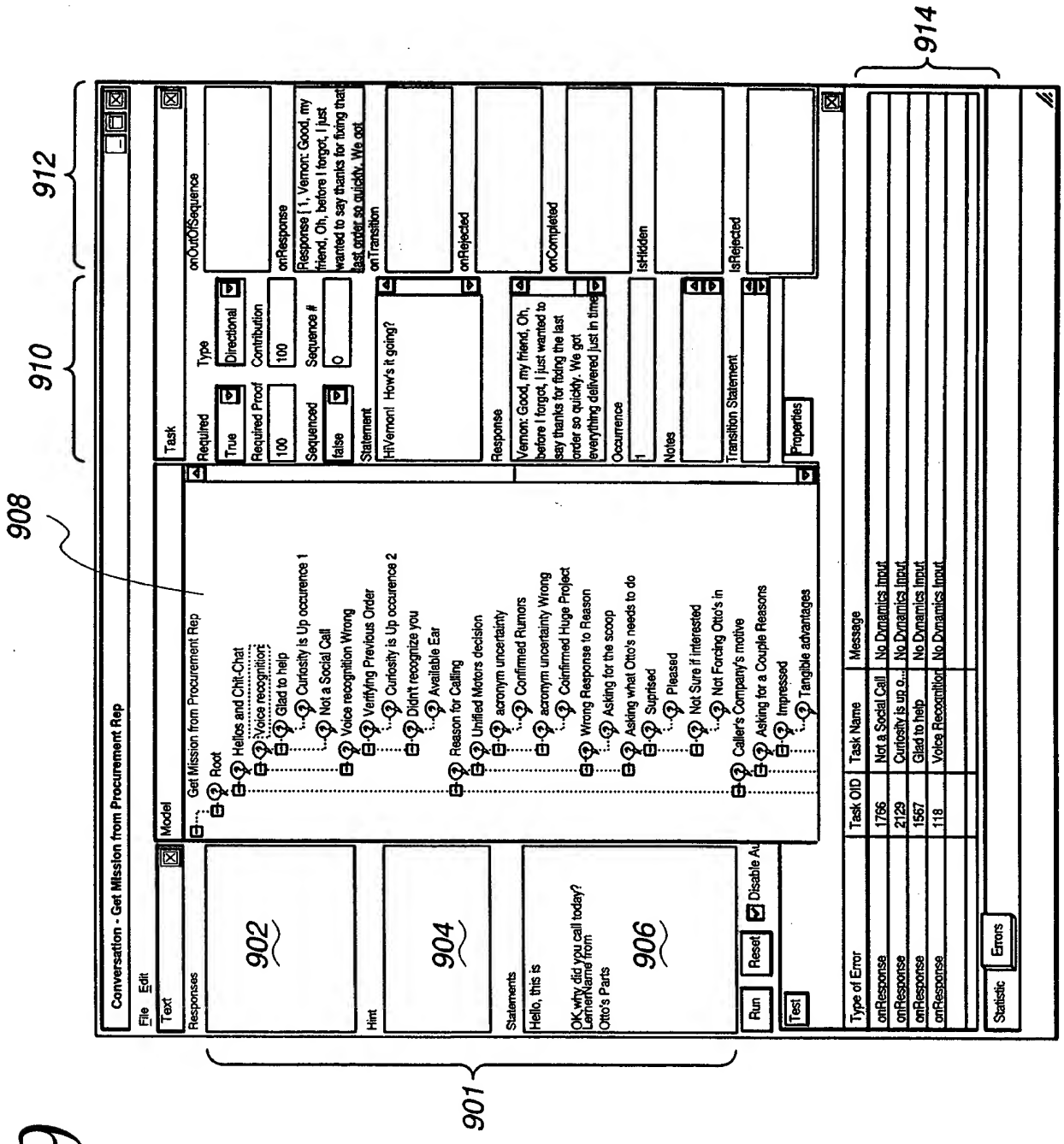

908
910
912
914
901
902
904
906
Conversation - Get Mission from Procurement Rep
File Edit
Text
Model
Task
Responses
Hint
Statements
Hello, this is
OK why did you call today?
LearnerName from
Otto's Parts
Run
Reset
Disable Au
Test
Get Mission from Procurement Rep
Root
Hellos and Chit-Chat
Voice recognition
Glad to help
Curiosity is Up occurence 1
Not a Social Call
Voice recognition Wrong
Verifying Previous Order
Curiosity is Up occurence 2
Didn't recognize you
Available Ear
Reason for Calling
Unified Motors decision
acronym uncertainty
Confirmed Rumors
acronym uncertainty Wrong
Confirmed Huge Project
Wrong Response to Reason
Asking for the scoop
Asking what Otto's needs to do
Suprised
Pleased
Not Sure if interested
Not Forcing Otto's in
Caller's Company's motive
Asking for a Couple Reasons
Impressed
Tangible advantages
Required
True
Required Proof
100
Sequenced
false
Statement
HiVernon! How's it going?
Type
Directional
Contribution
100
Sequence #
0
onResponse
Response [1, Vernon: Good, my friend, Oh, before I forgot, I just wanted to say thanks for fixing that last order so quickly. We got
onTransition
onOutOfSequence
onRejected
onCompleted
IsHidden
IsRejected
Response
Vernon: Good, my friend, Oh, before I forgot, I just wanted to say thanks for fixing the last order so quickly. We got everything delivered just in time
Occurrence
1
Notes
Transition Statement
Properties
Type of Error
Task OID
Task Name
Message
onResponse
1766
Not a Social Call
No Dynamics Input
onResponse
2129
Curiosity is up o...
No Dynamics Input
onResponse
1567
Glad to help
No Dynamics Input
onResponse
118
Voice Recognition
No Dynamics Input
Statistic
Errors

Fig. 9